Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 04 Feb 2022 until 23:59 on Saturday 05 Feb 2022

Forecast Issued on Thursday 03 Feb 2022 at 16:57

Confidence: High for a very cold, windy day with snow showers Friday and for remaining windy, unsettled but often mild through into next week, but lower for cloud details from Saturday.

Headline for Friday 04 Feb 2022: Sunny spells and, especially in west, heavy snow showers. Bitterly cold with strong westerly winds.

Mountain weather hazards on Friday 04 Feb 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy snow	Cloudy	Light snow showers	Heavy snow showers	Heavy snow showers	Light snow showers (night)	Partly cloudy (night)
Precipitation probability							
70%	60%	30%	30%	30%	30%	30%	10%

Forecast for Friday 04 Feb 2022

Weather: Heavy rain, sleet and, increasingly above 300m, snow clears southeast shortly before dawn with some clear spells and a few showers following. The snow showers, especially over western hills, becoming heavier and more frequent through the morning, with a risk of hail and thunder, the best of the sunnier spells in the east. Showers continue through the afternoon. The showers easing and becoming isolated through the evening.

Chance of cloud-free hill tops above 600m: Around 40% in west but nearer 75% in east

Low cloud and visibility: Periods of cloud above 450-600m in west but cloud more occasional above 600m in east. Otherwise visibility very good falling to less than a kilometre in heavy snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 04 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	35/48 SW	19/26 W	19/26 W	21/28 W	25/35 W	25/35 W	23/33 W	20/30 W	20/28 W
300	26/38 SW	16/24 NW	15/22 W	15/22 W	19/30 W	20/31 W	16/25 W	14/22 W	15/24 W
Valley	17/36 SW	12/23 NW	10/20 W	9/19 W	14/28 W	16/32 W	12/26 W	10/22 W	11/24 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-2	-0/-7	-1/-8	-2/-9	-1/-8	-0/-8	-1/-8	-2/-9	-1/-8
300	7/2	2/-4	1/-5	1/-4	2/-4	2/-4	1/-4	1/-4	1/-5
Valley	7/4	2/-2	2/-3	2/-2	3/-2	3/-2	2/-2	1/-3	2/-3
Freezing Level*	1500m	500m	400m	300m	400m	400m	400m	300m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Temperatures close to freezing in sheltered valleys around dawn. Gusts around 40mph over higher peaks through daylight hours and at lower levels in or near showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 03 Feb 2022	0.2mm	8.8mm	23.4mm

Forecast for Saturday 05 Feb 2022

Weather: Mainly dry with clear spells through the early hours but increasing cloud will bring outbreaks of rain to western hills towards dawn. Then a rather cloudy day with further outbreaks of rain, especially across western hills and a thaw of any lying snow, although some brighter spells possible in the east.

Maximum wind: Westerly or southwesterly 25-35mph, with gusts around 55mph over higher peaks

Chance of cloud-free hill tops above 600m: Little chance in west but around 25% in east.

Low cloud and visibility: Periods or persistent cloud above 450-600m, but cloud more occasional above 600m at times in east. Otherwise visibility good or rather hazy falling to several kilometres in rain

Temperature: **Valleys:** Around zero Celsius though early hours then rising to plus 9 or 10 Celsius
At 600m: Minus 1 Celsius rising to plus 4 Celsius
Freezing level: Around 300m soon rising above summits

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